

US EPA ARCHIVE DOCUMENT

<b>1. Incident Name</b>	<b>2. Date Prepared</b>	<b>3. Time Prepared</b>	<b>UNIT LOG ICS 214</b>	
Kalamazoo River/Enbridge Spill	12/18/2012	1710		
<b>4. Unit Name/Designators</b>	<b>5. Unit Leader</b>		<b>6. Operational Period :</b>	
CBR Team #1	<b>Name:</b>	Dan Capone & Chris Lantinga (START/US EPA)	<b>From:</b>	12/18/2012 07:00
	<b>Position:</b>	Operations Section Chief	<b>To:</b>	12/18/2012 1710
<b>7. Personnel Roster Assigned</b>				
<b><u>Name</u></b>	<b>ICS Position</b>		<b>DUTY CELL</b>	
Dan Capone	Operations Section Chief			
Chris Lantinga	Operations Section Chief			
Dan Zahner	Field Team Lead			
Marc Wahrer	CBR #1			
<b>8. Activity Log</b>				
<b>Activity Area</b>	<b>Bathymetry measurements at E4 Boom D and Boom F1</b>		<b>LAT</b>	<b>LAT</b>
			<b>Various</b>	<b>Various</b>
			(DD.MMMM)	(DD.MMMM)
<b><u>OIL OBSERVED</u></b>	<b>EXTENT OF OIL IMPACTED AREA</b>	NA		
	<b>DENSITY OF OIL /SHEEN</b>	NA		
<b>Total Collection Points</b>	NA			
<b>Total Boom Deployed</b>	NA			
<b>Activity</b>	<p><b><u>START CBR Team 1 Activity:</u></b></p> <p>START CBR 1 conducted oversight documentation of Enbridge Team of Ted Reckers (Team Lead) and Chad Kohdl (Superior). The base station was set up at bench mark CP Temp 1 for work on Boom D. The back shots and QC back shots were taken at bench mark CP Temp 2 and CP Temp 3. The delta V for the back shots and QC back shots were below 0.02. Once Boom D was completed the team moved to Boom F1. The base station was reset up at bench mark CP Temp 5 for work on Boom F1. The back shots and QC back shots were taken at bench mark CP Temp 6 and CP 1014. The delta V for the back shots and QC back shots were below 0.02.</p> <p>The team took river flow readings, water depth and bathymetry readings at Boom D and F1. They had to go back to previously collected bathymetry point (within 6 inches) and recollect data. The team collected a water level and flow reading at 1 location along each transect along the Boom.</p> <p>The team used the Trimble S6 base station (Robot), Trimble SPC3 hand held data logger, YUMA, global water probe model FP211 for velocity flow, metal prism rod with 8" metal disk on the bottom for water depth and to survey each point.</p>			

	<p><b>Summary Boom D</b></p> <p>They collected bathymetry measurements at 40 points (four transects) along Boom D. The team took one river flow reading and a water elevation along each transect along the boom.</p> <p><b>Summary Boom F1</b></p> <p>They collected bathymetry measurements at 23 points (two transects and a short transect) along Boom F1. The team took one river flow reading and a water elevation along each transect along the boom. I photographed a few globules/sheen that came by the boat (looked as though it was coming from the sediment trap 3775 area where another group was working). I saw about 4 globules (2-3 mm and some sheen wisps).</p> <p>Weather: 28 degrees, overcast, breezy.</p>
<b>Health and Safety Issues</b>	
<b>Comments</b>	Notes for this 214 are in Log Book CBR-1